

White paper
June 2010

Yendo™
W150i, W150a, W150



Purpose of this document

Sony Ericsson product White papers are intended to give an overview of a product and provide details in relevant areas of technology.

Document history

Version

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Sony Ericsson Developer World

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Product overview

Yendo™ – Touch the screen. Start the concert

Flick. Touch. Play. Scream. Or just lean back and drift away. To the music that moves you. Living is easy, especially through the 2.6" touchscreen. Four corners, four icons and everything you want. One touch away, in the simplest possible way. Isn't that how it should be?

Hit on the right hits

Touch to listen, skip, fast forward, replay. The tracks you love through the 3.5 mm stereo jack, or Bluetooth™ headset. Hit on the right hits with TrackID™ and the PlayNow™ service*. What's your favourite playlist? Easily move your music and your other files from your PC to Yendo™ with Media Go. In an instant.

All your true colours

Reinvent yourself. Through styles. Through colours. And tell everyone. With a quick text to Facebook™* or Twitter™. Speaking of colour. What's yours? Red for undying love? Shimmering silver from the glass skyscraper? Yellow for beach sunsets? There's up to ten to choose from, so finding your favourite could take time.



* This service is not available in all markets.

Facts – dimensions, weight, performance and networks

Size	94 x 52 x 16 mm
Weight	81 grams
Available colours	Black Blue Green Orange Pink Purple Red Silver White Yellow
Main screen	
Colours	262,144k color TFT
Resolution	320x240 pixels (QVGA)
Size (diagonal)	2.6 inches
Input mechanisms	
Text input	Quick text (Zi), Onscreen 12 key keyboard
Touch screen	Capacitive (single touch)
Memory	
Phone memory	Up to 5 MB
Memory card support	microSD™, up to 16 GB
Camera	
Camera resolution	2 megapixel
Digital zoom	2x
Video recording	Yes
Networks	
W150i	GSM GPRS/EDGE 900, 1800
W150a	GSM GPRS/EDGE 850, 1900
W150	GSM GPRS/EDGE 900, 1800
Data transfer speeds	
GSM GPRS	Up to 85.6 Kbps
GSM EDGE	Up to 236.8 Kbps

Talk time (GSM)	4 hours *
Standby time (GSM)	400 hours *
Music listening time	30 hours **
Battery	970 mAh

* According to GSM Association Battery Life Measurement Technique.

** Battery performance may vary depending on network conditions and configuration, and phone usage.

Categorised list of features

 <p>Camera</p> <p>2 megapixel camera 2x digital zoom Video recording</p>	 <p>Music</p> <p>Bluetooth™ stereo (A2DP) Music tones (MP3/AAC) PlayNow™ service * TrackID™ application Walkman™ player</p>	 <p>Internet</p> <p>Bookmarks Web browser (Obigo™ Q7) Web feeds</p>
 <p>Communication</p> <p>Call list Conference calls Facebook™ application * Polyphonic ringtones Speakerphone Twitter™ application</p>	 <p>Messaging</p> <p>Conversations Email Picture messaging (MMS) Predictive text input Sound recorder Text messaging (SMS)</p>	 <p>Design</p> <p>Four-corner home screen Keyboard (onscreen, 12-key) Touchscreen</p>
 <p>Entertainment</p> <p>Java™ Radio (FM) Video viewing</p>	 <p>Organiser</p> <p>Alarm clock Calculator Calendar Flight mode Notes Phone book Stopwatch Tasks Timer</p>	 <p>Connectivity</p> <p>3.5 mm audio jack (AVP) Bluetooth™ technology USB mass storage USB support</p>

* This service is not available in all markets.

Technologies in detail

NOTE: The information outlined below is general and levels of compliance to standards and specifications may vary between products and markets. For more information, contact Sony Ericsson Developer World or your Sony Ericsson contact person where applicable.

Device-to-device communications (local)

Bluetooth™ wireless technology

Bluetooth™ profiles supported	Generic Access Profile Generic Object Exchange Profile Handsfree Profile Headset Profile Object Push Profile
Core version and supported features	2.0
Connectable devices	All products supporting Bluetooth spec. 2.0, or higher, and at least one of the profiles above

More information:

www.sonyericsson.com/developer

www.bluetooth.com

Java™

Java™ Platform, Micro Edition	JSR-75 PDA Optional Packages for J2ME™ JSR-118 MIDP 2.0 JSR-120 Wireless Messaging API JSR-135 Mobile Media API 1.1 JSR-139 CLDC 1.1 JSR-172 J2ME Web Services Specification JSR-185 Java™ Technology for the Wireless Industry Nokia UI Extension API
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Messaging

(MMS) Multimedia Messaging Service

According to OMA Multimedia Messaging Service v1.1 + SMIL

Email

Bearer type (IP)	GSM Data (IP) GPRS and HSCSD
Character sets	USASCII UTF-8 UTF-16 UTF-17LE UTF-16BE UCS-2 / ISO10646 UCS2 ISO-8859-1 ISO-8859-2 Eastern Europe ISO-8859-7 Greek ISO-8859-9 Turkish ISO-8859-10 Nordic KOI8 GB2312 Simplified Chinese BIG5 ISO2022JP Windows® 1251 Cyrillic Windows® 1252 Windows® 1254 Turkish Windows® 1255 Hebrew Shift JIS
	Note: GB2312 is available in Simplified Chinese variants only, that is, Mainland China variants. BIG5 is only available in Traditional Chinese variants, that is, Hong Kong and Taiwan variants.
OTA provisioning solution	OMA Client Provisioning 1.1
Protocols	POP3, SMTP and IMAP4

Multimedia (audio and video)

Audio Playback	Decoder format Audio decoding MPEG-1/2/2.5, audio layer 3 AAC, AAC+, eAAC+ AMR-NB General MIDI (GM) Linear/A-law/.-law PCM iMelody	Supported in file format MP3 (.mp3) 3GP (.3gp); AAC (.aac); MP4 (.mp4, .m4a) 3GP (.3gp); AMR (.amr) SMF (.mid) WAV (.wav) iMelody (.imy)
Audio Recording	Encoder format AMR-NB AAC-LC MP3	Supported in file format AMR (.amr) MP4 (.m4a) MP3 (.mp3)
Video Playback	Decoder format MPEG-4 Visual Simple Profile H.263 Profile 0	Supported in file format 3GP (.3gp); MP4 (.mp4) 3GP (.3gp)
Video Recording	Encoder format - Video: H.263 Profile 0 - Audio: AMR-NB - Video: MPEG-4 Visual Simple Profile - Audio: AAC-LC	Supported in file format 3GP (.3gp) MP4 (.mp4)

Web browser

Browser version	Obigo™ Q7
Bookmarks	Folders and sorting supported
Bookmark export/import	Bookmarks can be sent and received in vBookmark format using Bluetooth™ technology, SMS, MMS and email
Navigation/rendering	Full page PC rendering
Search	Internet Search
Browser compliancy	HTML version 4.01 XHTML Basic version 1.0 XHTML version 1.1 XHTML Mobile Profile version 1.1 WML 1.3 CSS 2.1 WCSS Version 26-Oct-2001 ECMAScript Mobile Profile 1.0 DOM 2.0
Protocol Compliancy	HTTP/1.1 TLS 1.0 and SSL 3.0 OMA Download 1.0

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